



De Grado Amedeo

Areas of interest

- **Inherited neuropathies**, with a primary focus on Charcot-Marie-Tooth (CMT) and particular emphasis on rare and ultrarare CMT subtypes. Recently, my primary interest has shifted towards the clinical and neurophysiological characterization of these rare CMT forms. I am committed to making a significant contribution to advancing knowledge in this field a central part of my long-term career goals. Additionally, I am driven to expand the Italian registry for CMT4 forms, anticipating upcoming interventional trials that have the potential to revolutionize CMT treatment.
- **Clinical neurophysiology** with expertise in the study of movement disorders, muscular diseases, and peripheral neuropathies. Proficient in conducting sophisticated neurophysiological assessment, including sensory and motor axonal excitability, coupled with skills in mathematical modelling for complex comprehensive analysis.



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Italian: native speaker

Inglese: advanced -
IELTS 8

Portuguese: B1

Danish: B1

French: A2

Spanish: A2

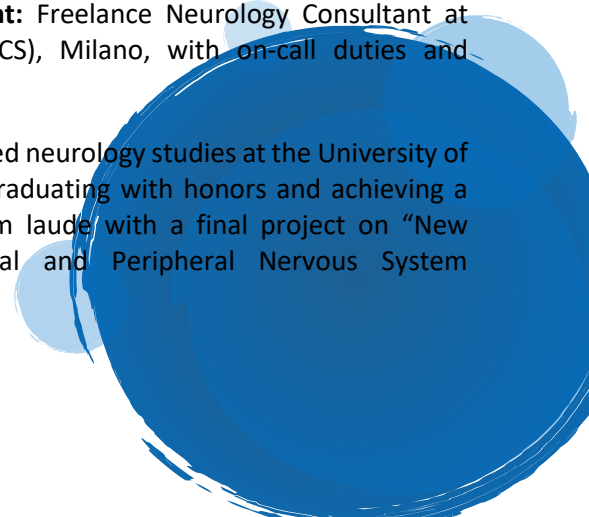
Experience

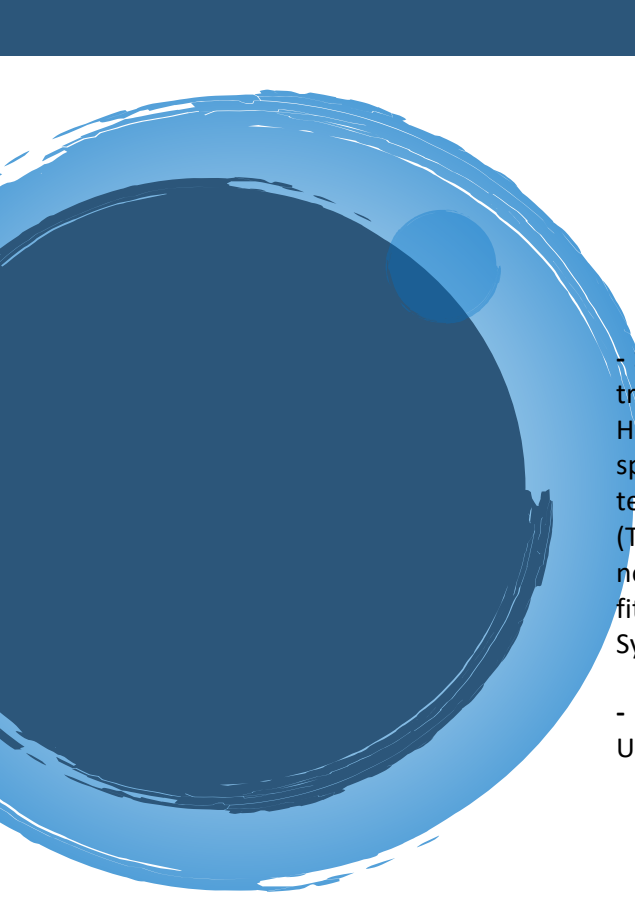
- **15th February – present:** Inherited Neuropathy Consortium fellow working at Unit of 'Rare Neurodegenerative and Neurometabolic Diseases' (Neurologia X) under the leadership of Dr. Davide Pareyson at Fondazione IRCCS Carlo Besta, participating in clinical in- and outpatient management as well as advanced neurophysiology studies and clinical trial activities.

- **26th January 2024 – present:** Freelance Neurology Consultant at Ospedale Generale di Zona “Moriggia Pelascini”), Como, with on-call duties and weekend availability shifts.

- **4th December 2023 – present:** Freelance Neurology Consultant at Istituto Clinico Città Studi (ICCS), Milano, with on-call duties and weekend availability shifts.

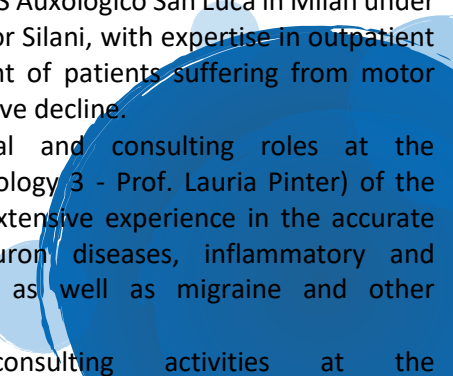
- **13th November 2023:** completed neurology studies at the University of Milano Statale – Milan, Italy, graduating with honors and achieving a cumulative grade of 70/70 cum laude with a final project on “New Paradigms for Testing Central and Peripheral Nervous System Excitability”.





- **15th November 2022 – 15th June 2023:** clinical research activities and traineeship at Aarhus University Hospital under the supervision of Prof. Hatice Tankisi, with a focus on the application of muscle MRI spectroscopy as well as proficiency in various neurophysiology techniques such as paired-pulse transcranial magnetic stimulation (TMS), spinal excitability assessment, evaluation of peripheral neuroexcitability, examination of muscle excitability, and use of MScan fit-MUNE. The research project focused on the study of Restless Legs Syndrome and the post-acute sequelae of COVID (PASC) syndrome.

- **1st November 2019 – 31st October 2023:** neurology residency at University of Milano Statale – Milan, Italy:

- Participated in clinical inpatient management and clinical trial activities at the Unit of 'Rare Neurodegenerative and Neurometabolic Diseases' (Neurologia X) under the leadership of Dr. Davide Pareyson at Fondazione IRCCS Carlo Besta.
 - Demonstrated expertise in departmental, consulting, and emergency roles at the Neurology Unit III of San Paolo Hospital in Milan under the supervision of Professor Priori. Proficient in providing acute care for patients in the Emergency Department, as well as diagnosing and managing various Movement Disorders.
 - Experience in departmental, consulting, and emergency responsibilities at the Stroke Unit of the Humanitas Clinical Institute in Milan under the guidance of Dr. Marcheselli, focusing on the acute treatment and management of ischemic and haemorrhagic strokes.
 - Observership at the Neuroradiology Unit of the Niguarda Metropolitan Hospital in Milan (Dr. Boccardi) with experience in diagnosis and treatment of arteriovenous malformations, dural fistulas and mechanical thrombectomy.
 - Training activities at the Neurophysiopathology Unit of the Ca Granda Ospedale Maggiore Policlinico in Milan (Professor Barbieri) and at the IRCCS Carlo Besta (Neurologia VI - Dr. Lanteri).
 - Departmental, consulting, and emergency activities at the Neurology Unit of the IRCCS Auxologico San Luca in Milan under the supervision of Professor Silani, with expertise in outpatient and inpatient management of patients suffering from motor neuron disease and cognitive decline.
 - Training in departmental and consulting roles at the Neuroalgology Unit (Neurology 3 - Prof. Lauria Pinter) of the IRCCS Carlo Besta, with extensive experience in the accurate diagnosis of motor neuron diseases, inflammatory and hereditary neuropathies, as well as migraine and other cephalalgias.
 - Departmental and consulting activities at the
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Neuroimmunology and Neuromuscular Diseases Unit (Neurology 4 - Dr. Mantegazza) of the IRCCS Carlo Besta, with inpatient and outpatient experience in the diagnosis and management of inflammatory diseases of the central nervous system, neuromuscular junction disorders, acquired and hereditary myopathies.

- Departmental and outpatient activities at the Clinical and Experimental Epileptology Unit (Neurology 7 - Dr. De Curtis) of the IRCCS Carlo Besta, with experience in supervised EEG reporting (standard, PSG, and video-EEG) and inpatient and outpatient management of epileptic patients.

Education and certifications

- **2nd December 2023:** obtained Basic Cardiopulmonary Resuscitation and Early Defibrillation with Semi-Automatic Defibrillator (BLSD) certification.

- **February 2019:** attained medical professional qualification with registration in the professional registry of the Medical and Surgery Association in Naples (N. 036547).

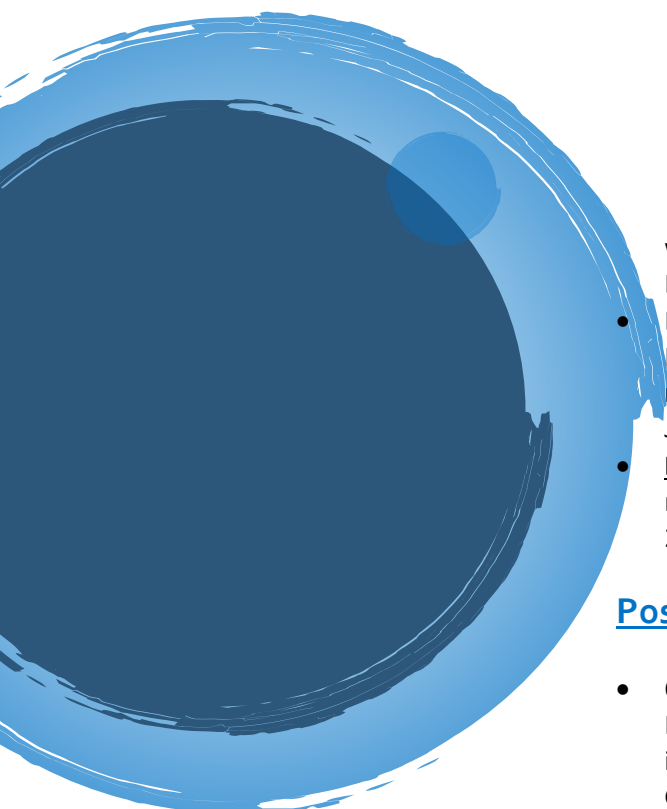
- **October 2012 – 22nd October 2018:** completed Medicine and Surgery Graduation at the University of Naples – Federico II, Naples – Italy:

- Graduated with 110/110 summa cum laude with a final project titled: “Myocardial scintigraphy with 123I-MIBG (metaiodobenzylguanidine) in Huntington’s disease”.

- **September 2007 – July 2012:** completed high school graduation at Liceo scientifico "Filippo Silvestri". Graduation mark: 100/100.

Publications

- Mroczek M, De Grado A, Pia H, Nochi Z, Tankisi H. Effects of sleep deprivation on cortical excitability: A threshold-tracking TMS study and review of the literature. Clinical Neurophysiology Practice (2023) – article in press. Available online at: <https://doi.org/10.1016/j.cnp.2023.12.001>.
- De Grado A, Cencini F, Priori A. Neurology of cancer immunotherapy. Neurol Sci. 2023 Jan;44(1):137-148.
- De Grado A, Manfredi C, Brugnera A, Groppo E, Valvassori L, Cencini F, Erbetta A, Ciceri E, Lerario R, Priori A, Scelzo E. Watch brain circulation in unexplained progressive myelopathy: a review of Cognard type V arterio-venous fistulas. Neurol Sci. 2023 Oct;44(10):3457-3480.
- Cencini F, Catania M, Di Fede G, Rossi G, Chalouhi KK, Manfredi C, Giaccone G, Tiraboschi P, Bersano A, Groppo E, Rosci C, Tancredi L, Campiglio L, De Grado A, Priori A, Scelzo E. SORL1 gene mutation and octapeptide repeat insertion in PRNP gene in a case presenting



with rapidly progressive dementia and cerebral amyloid angiopathy. Eur J Neurol. 2022 Nov;29(11):3139-3146.

- Bocci T, Cencini F, **De Grado A**, Manfredi C, Groppo E, Canevini M, Priori A. Neurophysiological assessment in patients with subcortical myoclonus and Sars-CoV-2 disease (COVID-19): A case series. Journal of the Neurological Sciences. 2021
- **De Grado A**, Cencini F., Priori A. Immunoterapia oncologica - Le reazioni avverse neurologiche. La Neurologia Italiana - Numero 1 2020 - pp. 12-23

Posters and oral communications

- October 22nd, 2023 - Poster Session 53rd Italian congress of Neurology (SIN 2023) "Disclosing Central and Peripheral Excitability in Rest-less Legs Syndrome" **De Grado A**, Jacobsen Anna B, Fanella G, Otto M, Lanteri P, Tankisi H.
- June 13th, 2023 – Oral communication winner, Neuroscience Day 2023 - Aarhus University Hospital
- May 17-19th, 2023 – Attendance at Aarhus Excitability Workshop 2023 at Aarhus University Hospital with further certified knowledge and improvement in various neurophysiology techniques.
- May 9-12th, 2023 - Poster Session 18th European Congress of Clinical Neurophysiology (ECCN 2023): "No effects of sleep deprivation on brain excitability in a threshold tracking TMS study" Mroczek M., **De Grado A**, Pia H, Nochi Z, Tankisi H.
- May 9-12th, 2023 – Oral communication, 18th European Congress of Clinical Neurophysiology (ECCN 2023) with a presentation entitled "Neuroexcitability changes in Restless Legs Syndrome".
- October 3-7th, 2021 – Poster Session, XXV World Congress of Neurology (WCN21): "Neurophysiological assessment in patients with subcortical myoclonus and SARS-CoV-2 disease (COVID-19): a case series" - Bocci T, Cencini F, **De Grado A**, Manfredi C, Groppo E, Canevini M, Priori A.
- October 3-7th, 2021 – Poster Session XXV World Congress of Neurology (WCN21): "Progressive myelopathy due to treatable intracranial dural arteriovenous fistula" - **De Grado A**, Manfredi C, Groppo E, Scarabello M, Valvassori L, Cencini F, Bartesaghi F, Erbetta A, Ciceri E, Bocci T, Priori A, Scelzo E.
- October 3-7th, 2021 – Poster Session, XXV World Congress of Neurology (WCN21): "extra-repeat insertional mutation in the PRNP gene with cerebral amyloid angiopathy: a case report" Cencini F, Di Fede G, Catania M, Manfredi C, Rosci C, Tancredi L, Groppo E, Campiglio L, **De Grado A**, Bartesaghi F, Priori A, Scelzo E.
- September 1-3rd, 2021 – Poster Session, VII European Stroke Organisation Conference (ESOC 2021): "Unexplained progressive myelopathy? Watch the brain!" - **De Grado A**, Manfredi C, Groppo E, Scarabello M, Valvassori L, Cencini F, Bartesaghi F, Erbetta A, Ciceri E, Bocci T, Priori A, Scelzo E.



Data:

23/03/2024

Il presente documento ha funzione di autocertificazione ai sensi del D.P.R. n. 445 del 28/12/2000.

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